# 2018 Accountability Report



Indica	ator		All students		Lowest   (Non-h	performing s igh school g	tudents rades)		All students n school gra			performing s	
		Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight
	English language arts achievement	2	4	-	2	4	-	3	4	-	2	4	-
Achievement	Mathematics achievement	1	4	-	4	4	-	3	4	-	3	4	-
	Science achievement	4	4	-	-	-	-	1	4	-	-	-	-
	Achievement total	7	12	60.0	6	8	67.5	7	12	40.0	5	8	67.5
	English language arts growth	2	4	-	2	4	-	2	4	-	1	4	-
Growth	Mathematics growth	2	4	-	2	4	-	1	4	-	0	4	-
	Growth total	4	8	20.0	4	8	22.5	3	8	20.0	1	8	22.5
	Four-year cohort graduation rate	-	-	-	-	-	-	4	4	-	-	-	-
ligh school	Extended engagement rate	-	-	-	-	-	-	0	4	-	-	-	-
completion	Annual dropout rate	-	-	-	-	-	-	4	4	-	-	-	-
	High school completion total	•	-	-	•	-	-	8	12	20.0	-	•	-
Progress toward attaining English language proficiency	English language proficiency total	3	4	10.0	-	-	-	2	4	10.0	-	-	-
	Chronic absenteeism	1	4	-	0	4	-	0	4	-	1	4	-
Additional indicators	Advanced coursework completion	-	-	-	-	-	-	2	4	-	-	-	-
	Additional indicators total	1	4	10.0	0	4	10.0	2	8	10.0	1	4	10.0
Weighted total		5.4	9.6	-	5.0	7.6	-	5.4	10.0	-	3.7	7.6	-
Percentage of possible	points	5	56%	-	(	66%	-	5	54%	-	4	19%	-
Percentage of possible	points by gradespan		Weight of	_	% school res	sults:70%			Weight		2% chool result	ts:30%	
Criterion-referenced ta	raet nercentage						58	58%					
Cinterion-referenced ta	irget percentage					Pa	rtially me	eting targe	ets				

2018 is the first year for the new Massachusetts accountability system.

	Indica	ator		All students igh school g			performing s igh school g			All students n school gra		Lowest performing students (High school grades)								
			Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight %						
		English language arts achievement	2	4	-	2	4	-	3	4	-	2	4	-						
	Achievement	Mathematics achievement	1	4	-	4	4	-	3	4	-	3	4	-						
		Science achievement	4	4	-	-	-	-	1	4	-	-	-	-						
I		Achievement total	7	12	60.0	6	8	67.5	7	12	40.0	5	8	67.5						
		English language arts growth	2	4	-	2	4	-	2	4	-	1	4	-						
	Growth	Mathematics growth	points  n language hievement  matics ement e e	-	2	4	-	1	4	-	0	4	-							
		Growth total	4	8	20.0	4	8	22.5	3	8	20.0	1	8	22.5						
	graduatio Extended engagem Annual dr rate  High sch	Four-year cohort graduation rate	-	-	-	-	-	-	4	4	-	-	-	-						
		Extended engagement rate	-	-	-	-	-	-	0	4	-	-	-	-						
		Annual dropout rate	-	-	-	-	-	-	4	4	-	-	-	-						
		High school completion total	-		-	•	-	-	8	12	20.0	٠	•	-						
	Progress toward attaining English language proficiency	English language proficiency total	3	4	10.0	-	-	-	2	4	10.0	-	-	-						
١		Chronic absenteeism	1	4	-	0	4	-	0	4	-	1	4	-						
	Additional indicators	Advanced coursework completion	-	-	-	-	-	-	2	4	-	-	-	-						
	\ /	Additional indicators total	1	4	10.0	0	4	10.0	2	8	10.0	1	4	10.0						
	Weighted total		5.4	9.6	-	5.0	7.6	-	5.4	10.0	-	3.7	7.6	-						
	Pelcentage of possible p	points	5	6%	-	6	66%	-	5	54%	-	4	19%	-						
	Percentage of possible p	points by gradespan		Weight of	61 non-high	% school res	sults:70%			Weight	52 of high so	% chool result	ts:30%							
	Criterion-referenced ta	rget nercentage	58%																	
	Ontenon-referenced ta	iget percentage					Pai	tially med	eting targe	Partially meeting targets										

# Calculations are based on five categories:

- Achievement
- Growth
- High school completion
- Progress toward attaining English language proficiency
- Additional indicators (chronic absenteeism, advanced coursework completion)

Indica	ator		All students igh school g	rades)		performing s igh school g		_	All students h school gra			performing s h school gra		
		earned	possible points	Weight %	Points earned	possible points	veight %	Points earned	Total possible points	Weight %	Points earned	Total possible points	Weigh %	
	English language arts achievement	2	4	-	2	4	-	3	4	-	2	4	-	
Achievement	Mathematics achievement	1	4	-	4	4	-	3	4	-	3	4	-	
	Science achievement	4	4	-	-	-	-	1	4	-	-	-	-	
	Achievement total	7	12	60.0	6	8	67.5	7	12	40.0	5	8	67.5	
	English language arts growth	2	4	-	2	4	-	2	4	-	1	4	-	
Growth	Mathematics growth	2	4	-	2	4	-	1	4	-	0	4	-	
	Growth total	4	8	20.0	4	8	22.5	3	8	20.0	1	8	22.5	
	Four-year cohort graduation rate	-	-	-	-	-	-	4	4	-	-	-	-	
High school	Extended engagement rate	-	-	-	-	-	-	0	4	-	-	-	-	
completion	Annual dropout rate	-	-	-	-	-	-	4	4	-	-	-	-	
	High school completion total	-	-	-	-	-	-	8	12	20.0	-	-	-	
Progress toward attaining English language proficiency	English language proficiency total	3	4	10.0	-	-	-	2	4	10.0	-	-	-	
	Chronic absenteeism	1	4	-	0	4	-	0	4	-	1	4	-	
Additional indicators	Advanced coursework completion	-	-	-	-	-	-	2	4	-	-	-	-	
	Additional indicators total	1	4	10.0	0	4	10.0	2	8	10.0	1	4	10.0	
Weighted total		5.4	9.6	-	5.0	7.6	-	5.4	10.0	-	3.7	7.6	-	
Percentage of possible p	points	5	56%	-	(	66%	-		54%	-	4	49%	-	
Percentage of possible p	points by gradespan		Weight of		1% school res	sults:70%			Weight		52% of high school results:30%			
Criterion-referenced ta	rget percentage						58	3%						
Cinterion-referenced ta	iget percentage					Pai	tially me	eting targe	ets					

Calculations are for all students and the lowest performing quartile.

Progress toward impro	ovement targets												
Indica	ator		All students igh school g	rades)	Lowest   (Non-h	performing s igh school g	straents (1des)		All students h school gra			performing so school gra	des)
		Pome	Total	Weight	Points	Total	veight	Funne	Total	Weight	Pointe	To the	weigh
		earned	possible points	%	earned	possible points	%	earned	possible points	%	earned	possible points	<b>%</b>
	English language arts achievement	2	4	-	2	4	-	3	4	-	2	4	-
Achievement	Mathematics achievement	1	4	-	4	4	-	3	4	-	3	4	-
	Science achievement	4	4	-	-	-	-	1	4	-	-	-	-
	Achievement total	7	12	60.0	6	8	67.5	7	12	40.0	5	8	67.5
	English language arts growth	2	4	-	2	4	-	2	4	-	1	4	-
Growth	Mathematics growth	2	4	-	2	4	-	1	4	-	0	4	-
	Growth total	4	8	20.0	4	8	22.5	3	8	20.0	1	8	22.5
	Four-year cohort graduation rate	-	-	-	-	-	-	4	4	-	-	-	-
High school	Extended engagement rate	-	-	-	-	-	-	0	4	-	-	-	-
completion	Annual dropout rate	-	-	-	-	-	-	4	4	-	-	-	-
	High school completion total	-	-	-	-	-	-	8	12	20.0	-	-	•
Progress toward attaining English language proficiency	English language proficiency total	3	4	10.0	-	-	-	2	4	10.0	-	-	-
	Chronic absenteeism	1	4	-	0	4	-	0	4	-	1	4	-
Additional indicators	Advanced coursework completion	-	-	-	-	-	-	2	4	-	-	-	-
	Additional indicators total	1	4	10.0	0	4	10.0	2	8	10.0	1	4	10.0
Weighted total		5.4	9.6	-	5.0	7.6	-	5.4	10.0	-	3.7	7.6	-
Percentage of possible	ooints		56%	-	(	66%	-		54%	-	4	19%	-
Percentage of possible p	points by gradespan		Weight of	_	1% school res	sults:70%			Weight		2% chool result	ts:30%	
Criterion-referenced ta	rget percentage		58%										
ontenon-referenced to	ngot percentage					Pa	rtially me	eting targe	ets				

Separate calculations for schools with high school grades and all other schools.

Indicat	or		All studen's igh school gra
		Points earned	Total possible points
	English language arts achievement	2	4
Achievement	Mathematics achievement	1	4
	Science achievement	4	4
	Achievement total	7	12

District & school progress calculated on a 5 point scale (0-4), based on targets set by state.

State targets are derived from 2017 (Baseline) data.

System design will use weighted targets based on four years of data, but won't be built out until 2021.

Setting Targets	Four Years Past	Three Years Past	Two Years Past	Previous Year
Weighting	10%	20%	30%	40%

Indicate	or		All studen's igh school gra
		Points earned	Total possible points
	English language arts achieve nent	2	4
Achievement	Mathematics achievement	1	4
	Science achievement	4	4
	Achievement total	7	12

Districts & schools are categorized based on "percentage of possible points."

Ind	licator	All studen's (Non-high school gra						
		Points earned	Total possible points					
	English lang lage arts achieve nent	2	4					
Achievement	Mathematics achievement	1	4					
chievement	Science achievement	4	4					
	Achievement total	7	12					

3 points – 75% of possible points

Target is met.

Points	Description
0	Declined
1	No Change
2	Improved (but not meeting target)
3	Met target
4	Exceeded target (maximum score)

Classification	Criteria
<b>Meeting Targets</b>	Criterion referenced target
	percentage 75-100.
Partially Meeting	Criterion referenced target
<b>Targets</b>	percentage below 75.
Requiring	Districts with low graduation
Focused/Targeted	rate or low participation rate.
Support	
Requiring	Underperforming and
<b>Broad/Comprehensive</b>	chronically underperforming
Support	districts.

Districts are categorized based on "percentage of possible points."

Progress toward impro																
Indica	ntor		All students igh school g		(Non-h	performing s igh school g			All students n school gra	des)		performing s n school gra	des)			
		earned	possible points	Weight %	Points earned	possible points	weight %	Points earned	Total possible points	Weight %	Points earned	Total possible points	Weight			
	English language arts achievement	2	4	-	2	4	-	3	4	-	2	4	-			
Achievement	Mathematics achievement	1	4	-	4	4	-	3	4	-	3	4	-			
	Science achievement	4	4	-	-	-	-	1	4	-	-	-	-			
	Achievement total	7	12	60.0	6	8	67.5	7	12	40.0	5	8	67.5			
	English language arts growth	2	4	-	2	4	-	2	4	-	1	4	-			
Growth	Mathematics growth	2	4	-	2	4	-	1	4	-	0	4	-			
	Growth total	4	8	20.0	4	8	22.5	3	8	20.0	1	8	22.5			
High school	Four-year cohort graduation rate	-	-	-	-	-	-	4	4	-	-	-	-			
	Extended engagement rate	-	-	-	-	-	-	0	4	-	-	-	-			
completion	Annual dropout rate	-	-	-	-	-	-	4	4	-	-	-	-			
	High school completion total	-	-	-	-	-	-	8	12	20.0	-	-	-			
Progress toward attaining English language proficiency	English language proficiency total	3	4	10.0	-	-	-	2	4	10.0	-	-				
	Chronic absenteeism	1	4	-	0	4	-	0	4	-	1	4	-			
Additional indicators	Advanced coursework completion	-	-	-	-	-	-	2	4	-	-	-	-			
	Additional indicators total	1	4	10.0	0	4	10.0	2	8	10.0	1	4	10.0			
Weighted total		5.4	9.6	-	5.0	7.6	-	5.4	10.0	-	3.7	7.6	-			
Percentage of possible p	points		56%	-	6	66%	-	5	54%	-	-	19%	-			
Percentage of possible p	points by gradespan		Weight of		1% school res	sults:70%			Weight	52 of high so	% hool resul	ts:30%				
Criterion-referenced ta	rget percentage					Par		58% Partially meeting targets								

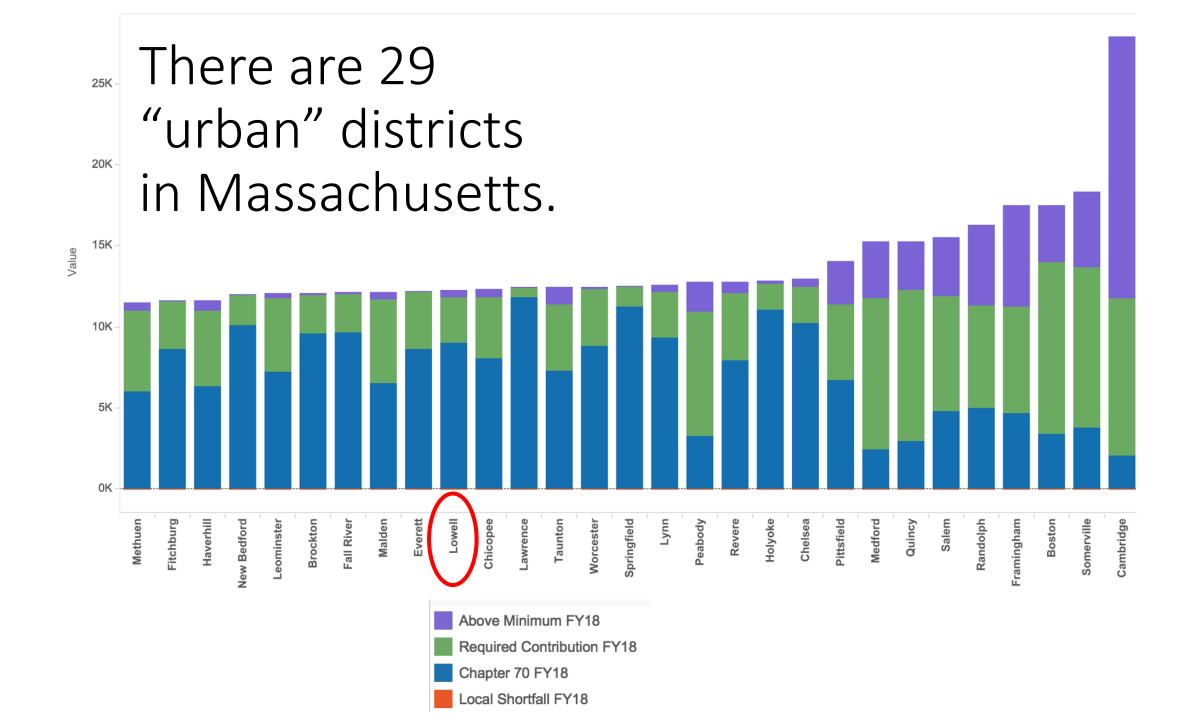
Lowell's overall "Criterionreferenced target percentage" is 58% - Partially meeting targets.

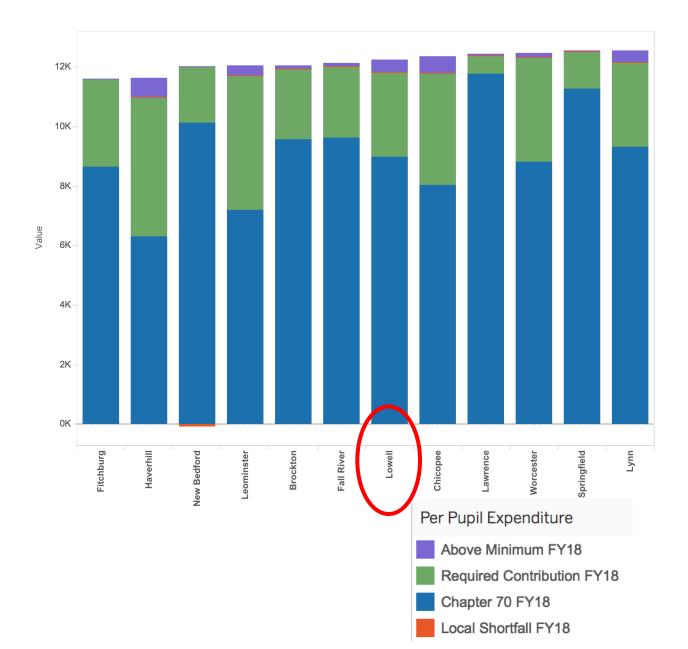
Indica	ntor		All students igh school g	rades)	(Non-h	performing s igh school g			All students n school gra	des)		performing s n school gra	des)
		Points	possible points	Weight %	Points earned	possible points	veight %	Points earned	Total possible points	Weight %	Points earned	Total possible points	Weigl %
	English language arts achievement	2	4	-	2	4	-	3	4	-	2	4	-
Achievement	Mathematics achievement	1	4	-	4	4	-	3	4	-	3	4	-
	Science achievement	4	4	-	-	-	-	1	4	-	-	-	-
	Achievement total	7	12	60.0	6	8	67.5	7	12	40.0	5	8	67.5
	English language arts growth	2	4	-	2	4	-	2	4	-	1	4	-
Growth	Mathematics growth	2	4	-	2	4	-	1	4	-	0	4	-
	Growth total	4	8	20.0	4	8	22.5	3	8	20.0	1	8	22.5
	Four-year cohort graduation rate	-	-	-	-	-	-	4	4	-	-	-	-
High school	Extended engagement rate	-	-	-	-	-	-	0	4	-	-	-	-
completion	Annual dropout rate	-	-	-	-	-	-	4	4	-	-	-	-
	High school completion total	-	-	-	-	-	-	8	12	20.0	-	-	-
Progress toward attaining English language proficiency	English language proficiency total	3	4	10.0	-	-	-	2	4	10.0	-	-	-
	Chronic absenteeism	1	4	-	0	4	-	0	4	-	1	4	-
Additional indicators	Advanced coursework completion	-	-	-	-	-	-	2	4	-	-	-	-
	Additional indicators total	1	4	10.0	0	4	10.0	2	8	10.0	1	4	10.0
Weighted total		5.4	9.6	-	5.0	7.6	-	5.4	10.0	-	3.7	7.6	-
Percentage of possible p	points	5	56% -			66%	-	5	54%	-	4	19%	-
Percentage of possible p	points by gradespan		Weight of		1% school res	sults:70%			Weight	52 of high so	% hool result	s:30%	
Criterion-referenced ta	rget percentage					Pai		3% eting targe	ets				

DESE considers a Criterionreferenced target percentage score above 50 as "improving."

Indica	ntor		All students gh school g		(Non-h	performing s igh school g			All students n school gra		(High	performing s n school gra	des)
		Points earned	possible points	Weight %	Points earned	possible points	weight %	Points earned	Total possible points	Weight %	Points earned	Total possible points	Weigl %
	English language arts achievement	2	4	-	2	4	-	3	4	-	2	4	-
Achievement	Mathematics achievement	1	4	-	4	4	-	3	4	-	3	4	-
	Science achievement	4	4	-	-	-	-	1	4	-	-	-	-
	Achievement total	7	12	60.0	6	8	67.5	7	12	40.0	5	8	67.5
	English language arts growth	2	4	-	2	4	-	2	4	-	1	4	-
Growth	Mathematics growth	2	4	-	2	4	-	1	4	-	0	4	-
	Growth total	4	8	20.0	4	8	22.5	3	8	20.0	1	8	22.5
	Four-year cohort graduation rate	-	-	-	-	-	-	4	4	-	-	-	-
High school	Extended engagement rate	-	-	-	-	-	-	0	4	-	-	-	-
completion	Annual dropout rate	-	-	-	-	-	-	4	4	-	-	-	-
	High school completion total	-	-	-	-	-	-	8	12	20.0	٠	-	-
Progress toward attaining English language proficiency	English language proficiency total	3	4	10.0	-	-	-	2	4	10.0	-	-	-
	Chronic absenteeism	1	4	-	0	4	-	0	4	-	1	4	-
Additional indicators	Advanced coursework completion	-	-	-	-	-	-	2	4	-	-	-	-
	Additional indicators total	1	4	10.0	0	4	10.0	2	8	10.0	1	4	10.0
Weighted total		5.4	9.6	-	5.0	7.6	-	5.4	10.0	-	3.7	7.6	-
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Percentage of possible p	points by gradespan		Weight of		l% school res	sults:70%			Weight	52 of high so	:% :hool result	ts:30%	
Criterion-referenced ta	rget percentage						58	3%					
onon rotoronoud ta	. 3-1 poi contago					Par	tially med	eting targe	ets				

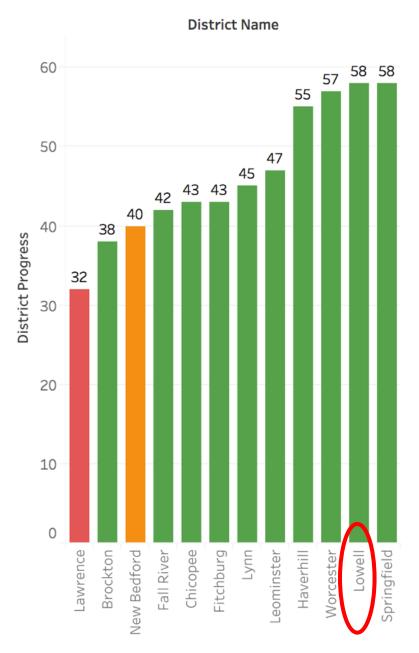
Only 17% of Massachusetts districts found to be "Meeting Targets," Criterionreferenced target percentage above 75%.



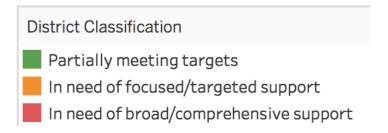


Comparison districts are urban districts that are most similar (demographically and fiscally) to Lowell.

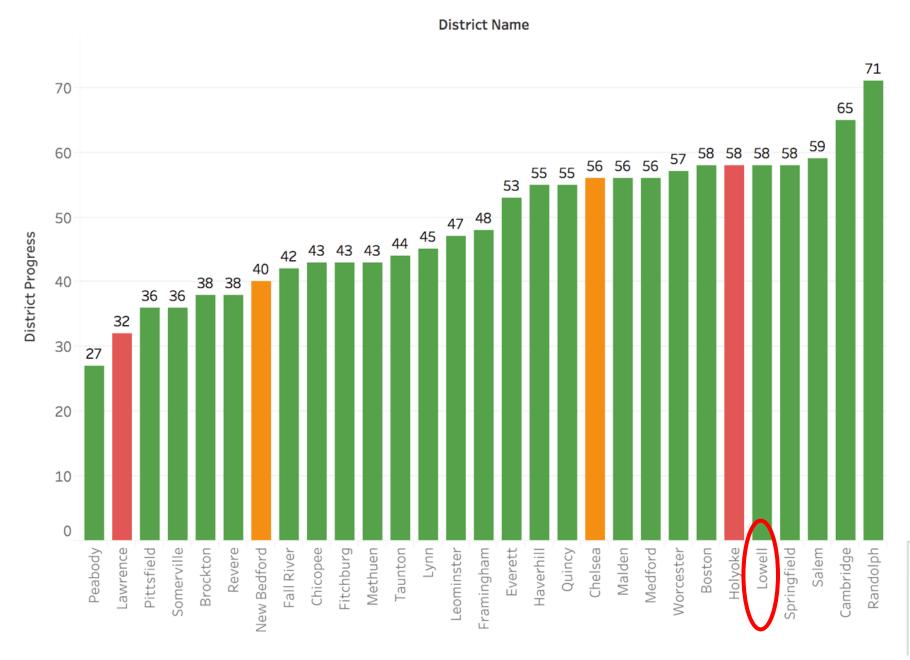
### District Progress



Lowell's overall "Criterionreferenced target percentage" is 58% - Tied for highest among comparison districts.



### District Progress



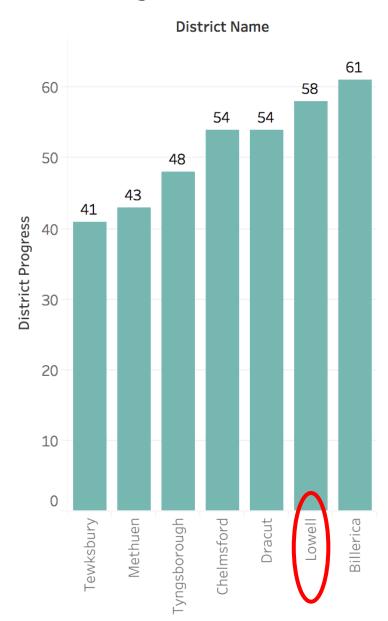
Only 3 of 29 urban districts have progress scores higher than Lowell.

None met targets (>75%).

# District Classification

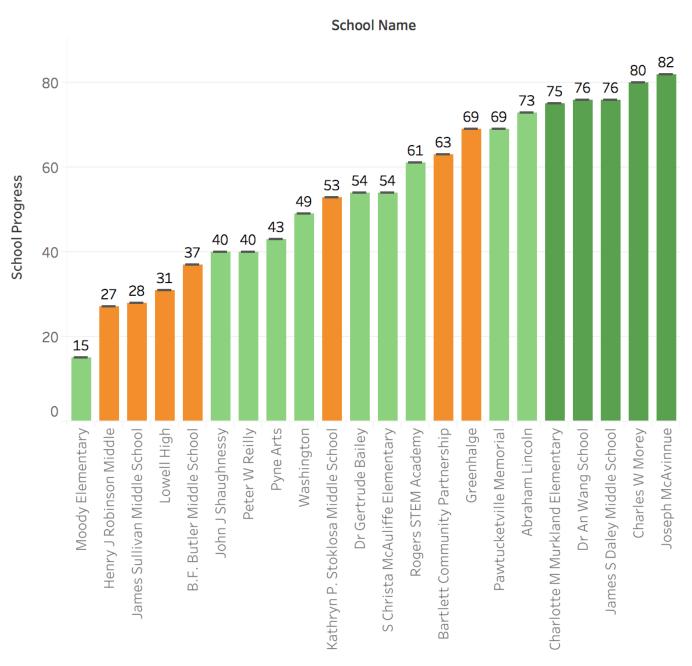
- Partially meeting targets
- In need of focused/targeted support
- In need of broad/comprehensive support

# District Progress

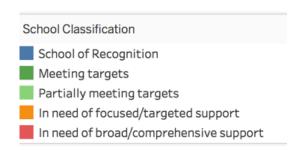


Lowell's "Criterionreferenced target percentage" is greater than five of six neighboring districts.

### School Progress



Schools also have progress scores calculated, using the same formula.



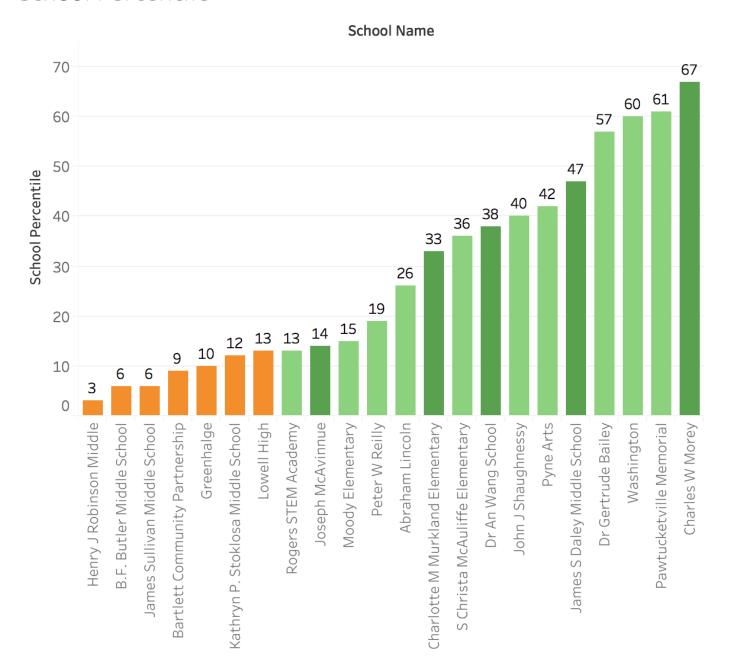
Classification	Criteria
Schools of Recognition	Schools demonstrating high- achievement, significant improvement, or high growth.
Meeting Targets (Not requiring assistance or intervention)	Criterion referenced target percentage 75-100.
Partially Meeting Targets (Not requiring assistance or intervention)	Criterion referenced target percentage 11-74.
Requiring Focused/Targeted Support	Schools with percentiles 1-10 not already identified for Broad/Comprehensive Support Schools with low graduation rate. Schools with low performing subgroups. Schools with low participation.
Requiring Broad/Comprehensive Support	Underperforming and chronically underperforming schools.

Percentile scores are used to classify schools.

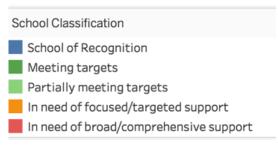
School Classification

- School of Recognition
- Meeting targets
- Partially meeting targets
- In need of focused/targeted support
- In need of broad/comprehensive support

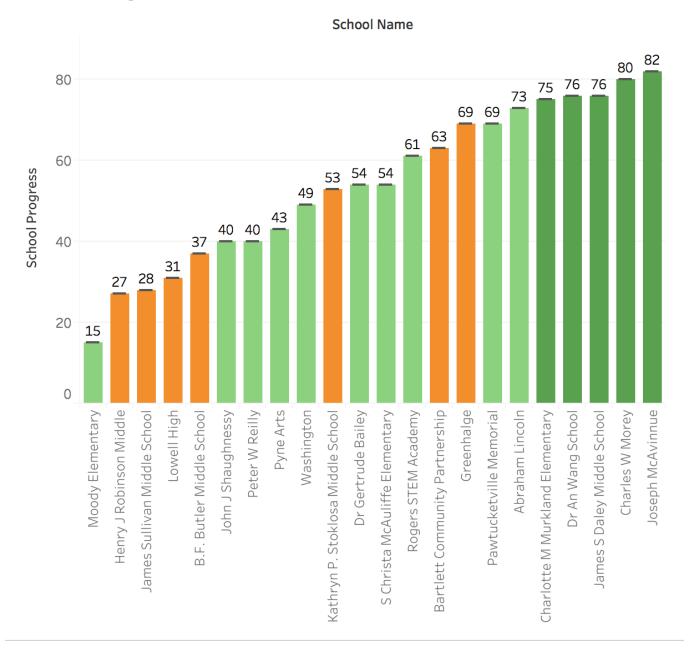
### School Percentile



Percentile scores are also calculated for schools.

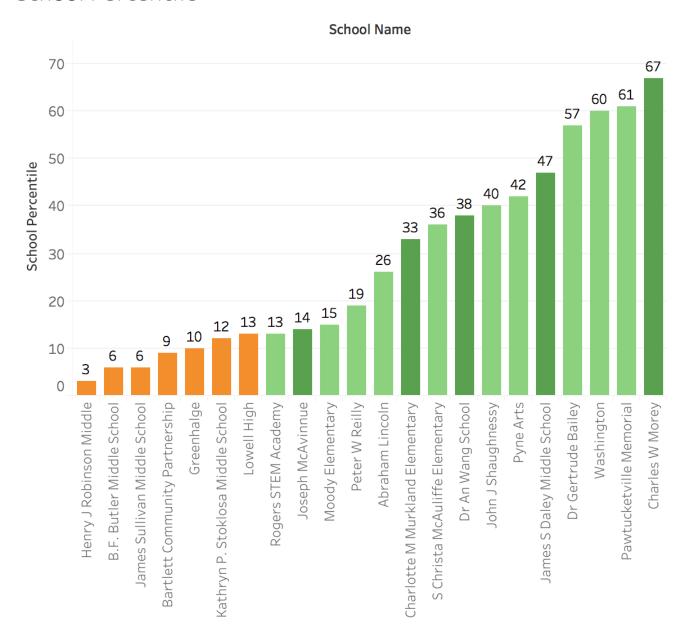


### School Progress



• Lowell has five schools meeting a challenging improvement target (75%)

### School Percentile



• Lowell has four schools with percentile scores above the state average.

# **Lowell Public School District Grade 5**

Thin	k of the last 30 days in school.	N of total responses	Always true	Mostly true	Mostly untrue	Never true
<b>ENV</b>	IRONMENT					
26	My teachers are proud of me when I work hard in school.	1,181	75%	21%	2%	2%
27	My teachers help me succeed with my schoolwork when I need help.	1,178	66%	27%	4%	2%
28	School rules are fair for all students.	1,181	56%	31%	9%	4%
29	My teachers support me even when my work is not my best.	1,180	53%	34%	9%	4%

At the conclusion of MCAS testing, students in grades 5, 8, and 10 were administered the Views of Climate and Learning (VOCAL) survey.

# **Lowell Public School District Grade 5**

Thin	k of the last 30 days in school.	N of total responses	Always true	Mostly true	Mostly untrue	Never true
<b>ENV</b>	IRONMENT					
26	My teachers are proud of me when I work hard in school.	1,181	75%	21%	2%	2%
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28	School rules are fair for all students.	1,181	56%	31%	9%	4%
29	My teachers support me even when my work is not my best.	1,180	53%	34%	9%	4%

Students were asked 36 - 38questions with four choices that were always positive, mostly positive, mostly negative, always negative.

# Grade 5: Engagement

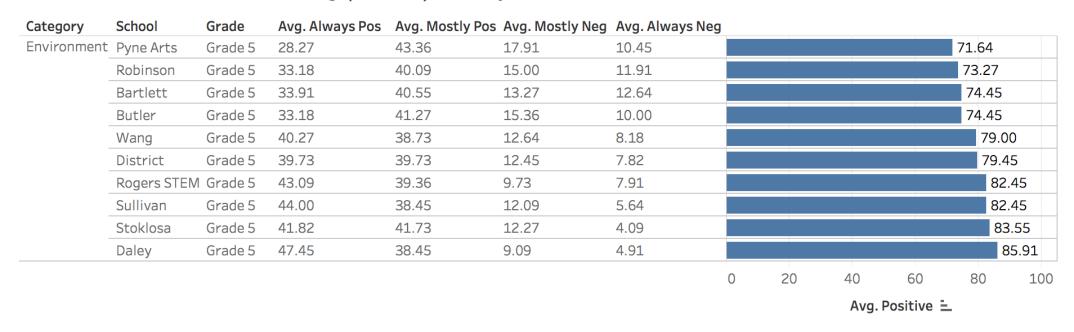
School and district scores for the three performance categories were overwhelmingly positive.

Views of Climate and Learning (VOCAL) Survey - 2018

Category	School	Grade	Avg. Always Pos	Avg. Mostly Pos	Avg. Mostly Neg	Avg. Always Neg								
Engagement	Robinson	Grade 5	36.08	38.50	16.92	8.75					74.58			
	Bartlett	Grade 5	41.08	35.75	13.42	9.92		76.83				3		
	Pyne Arts	Grade 5	35.08	42.17	15.92	7.00					77.2	5		
	Butler	Grade 5	36.50	41.67	14.17	7.50					78.1	.7		
	Wang	Grade 5	43.67	38.00	11.83	6.58					81	.67		
	District	Grade 5	44.58	38.67	11.58	5.25					83	3.25		
	Stoklosa	Grade 5	43.00	42.00	11.58	3.42					8	35.00		
	Sullivan	Grade 5	50.75	36.42	9.08	3.58						87.17		
	Rogers STEM	Grade 5	51.58	36.00	8.58	4.00						87.58		
	Daley	Grade 5	54.25	37.75	6.00	2.25						92.00		
							0	20	40	60	80	100		
								Avg. Positive =						

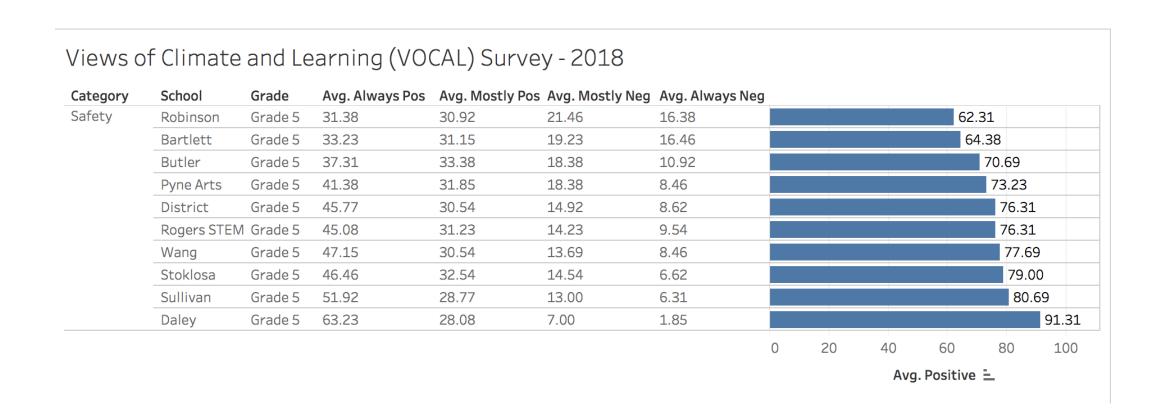
# Grade 5: Environment

School and district scores for the three performance categories were overwhelmingly positive.



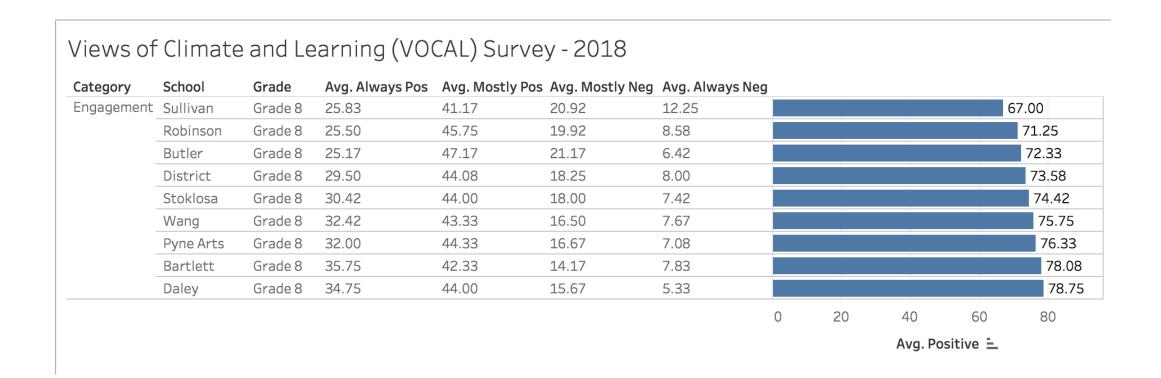
# Grade 5: Safety

School and district scores for the three performance categories were overwhelmingly positive.



# Grade 8: Engagement

School and district scores for the three performance categories were overwhelmingly positive.



# **Grade 8: Environment**

School and district scores for the three performance categories were overwhelmingly positive.

Category	School	Grade	Avg. Always Pos	Avg. Mostly Pos	Avg. Mostly Neg	Avg. Always Neg					
Environment	Sullivan	Grade 8	26.55	42.36	18.00	13.18					68.91
	Robinson	Grade 8	28.73	43.45	18.91	9.09					72.18
	Pyne Arts	Grade 8	30.55	43.45	15.09	10.82					74.00
	District	Grade 8	31.18	43.64	16.18	8.73					74.82
	Butler	Grade 8	28.09	47.27	18.45	6.09					75.36
	Daley	Grade 8	34.09	42.27	16.27	7.55					76.36
	Stoklosa	Grade 8	33.09	43.73	15.18	7.73					76.82
	Wang	Grade 8	35.45	43.09	13.73	7.73					78.55
	Bartlett	Grade 8	38.45	42.36	11.64	7.91					80.82
							0	20	40	60	80
									Avg. Po	sitive =	

# Grade 8: Safety

School and district scores for the three performance categories were positive.

Category	School	Grade	Avg. Always Pos	Avg. Mostly Pos	Avg. Mostly Neg	Avg. Always Neg							
Safety	Robinson	Grade 8	23.33	34.80	25.73	15.93				58.1	.3		
	Sullivan	Grade 8	24.27	34.73	24.53	16.27				59.0	00		
	Butler	Grade 8	25.53	40.33	24.93	9.27					65.87		
	District	Grade 8	28.93	37.67	22.07	11.40					66.60		
	Stoklosa	Grade 8	30.40	38.07	21.33	10.07					68.47		
	Wang	Grade 8	30.47	38.47	20.53	10.60					68.93		
	Bartlett	Grade 8	34.40	36.20	19.07	10.73					70.60		
	Pyne Arts	Grade 8	32.40	38.33	19.00	10.27					70.73		
	Daley	Grade 8	36.47	39.80	16.33	7.27					76.27		
							0	20	40	60	80		
							Avg. Positive =						

# Grade 10:

School and district scores for the three performance categories were overwhelmingly positive.

Category	School	Grade	Avg. Always Pos	Avg. Mostly Pos	Avg. Mostly Neg	Avg. Always Neg					
Engagement	Lowell High	Grade 10	32.92	44.08	17.42	5.50					77.00
Environment	Lowell High	Grade 10	19.82	47.55	23.27	9.55				67	7.36
Safety	Lowell High	Grade 10	32.07	41.87	19.47	6.60					73.93
							0 2	20	40	60	80
							Avg. Positive				

70

Lowell teachers, and the staff that supports their work, should continue to be proud of their accomplishments as urban educators.

30 27

The overall progress scores indicate a district with a culture of continuous improvement.

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Peabody
Lawrence
Pittsfield
Somerville
Brockton
Revere
Chicopee
Fitchburg
Methuen
Taunton
Lynn
Leominster
Framingham
Everett
Haverhill
Quincy
Chelsea
Malden
Malden
Malden
Holyoke
Lowell
Salem
Salem
Cambridge